

Fig. 1A

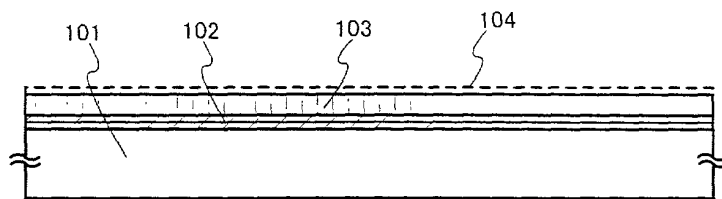


Fig. 1B

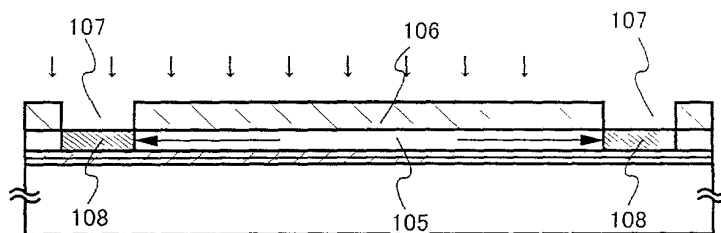


Fig. 1C

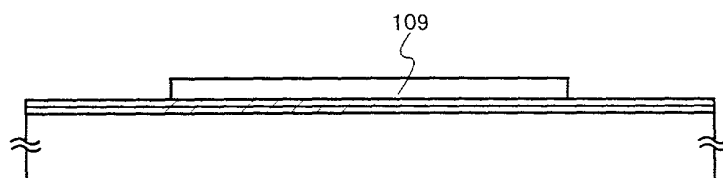


Fig. 2A

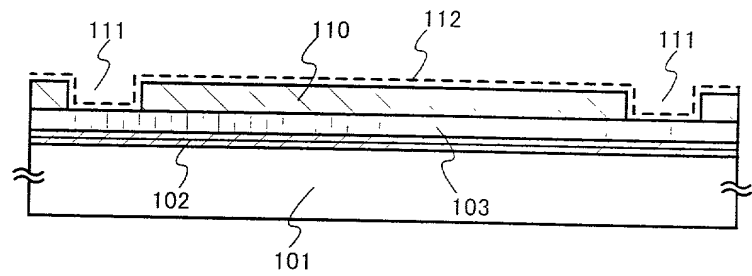


Fig. 2B

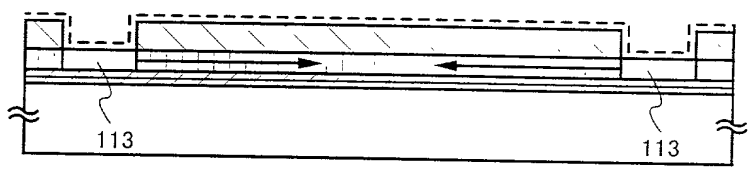


Fig. 2C

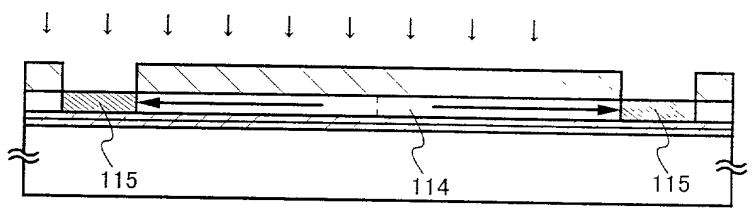


Fig. 2D

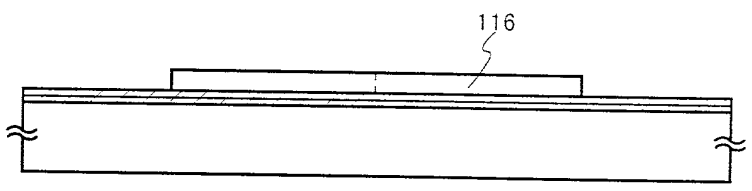


Fig. 3A

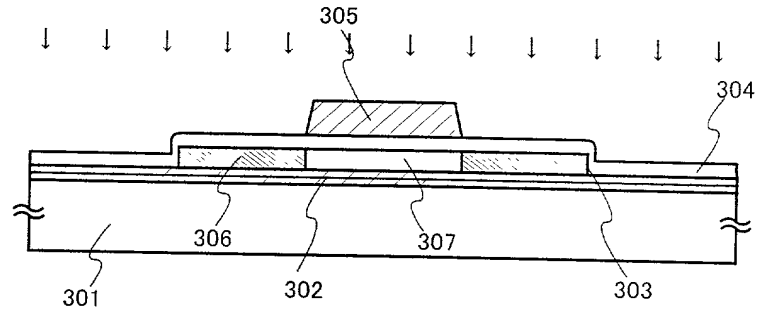


Fig. 3B

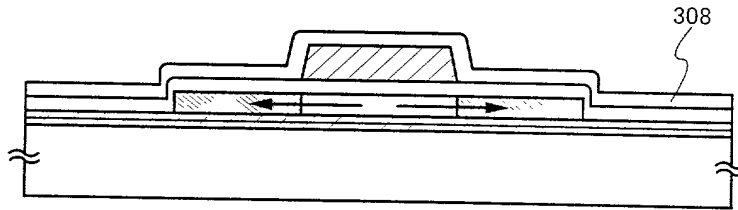


Fig. 4A

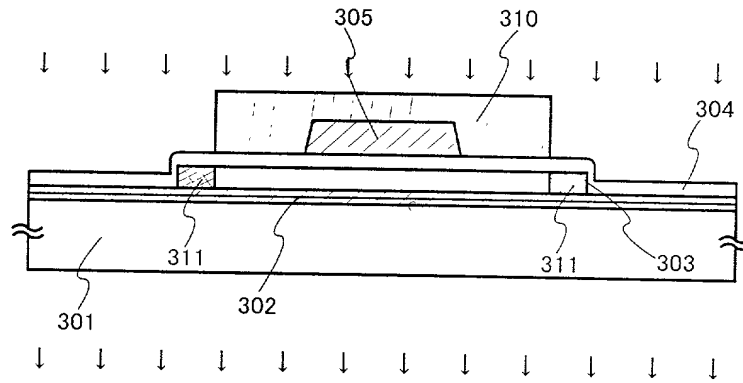


Fig. 4B

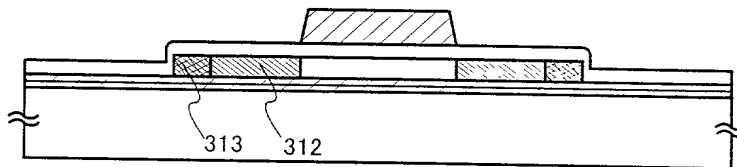
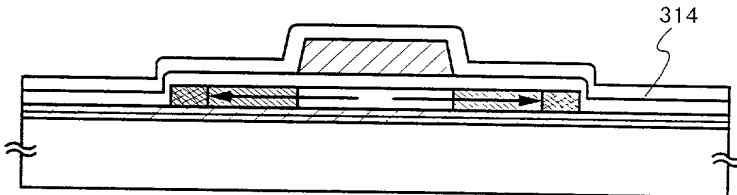
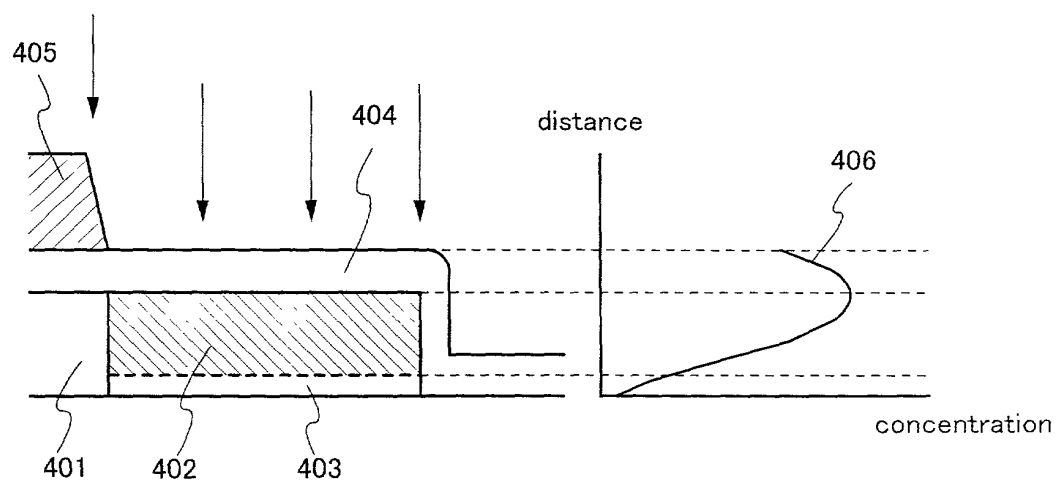


Fig. 4C



[illegible]

# Index

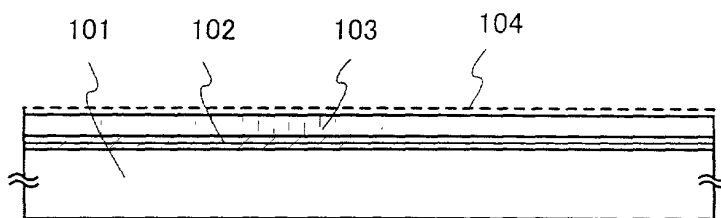


Fig. 6B irradiation of first intense light

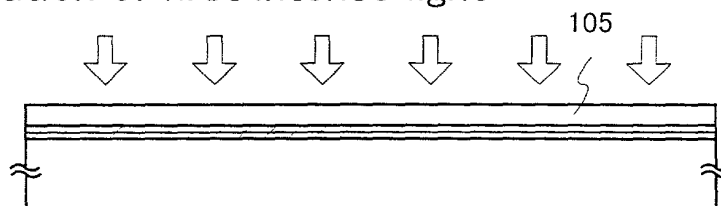


Fig. 6C irradiation of laser light

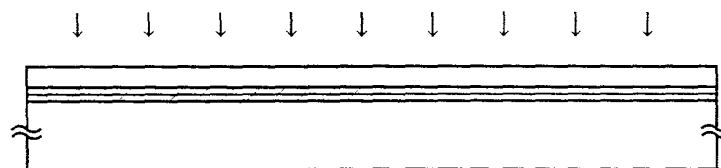


Fig. 6D irradiation of second intense light

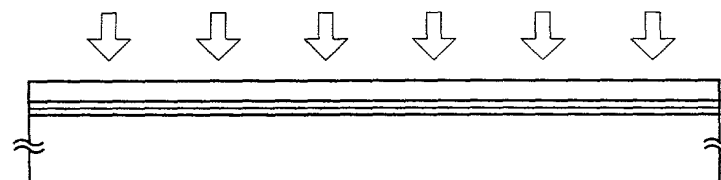


Fig. 7A ion addition

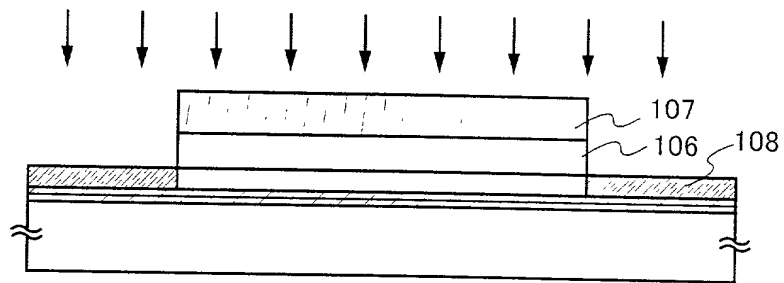


Fig. 7B heat treatment (gettering)

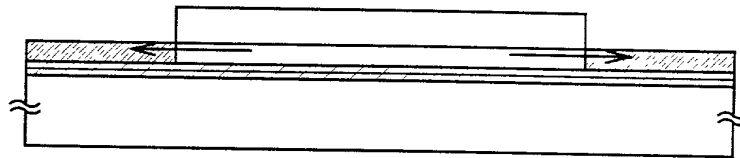


Fig. 7C patterning

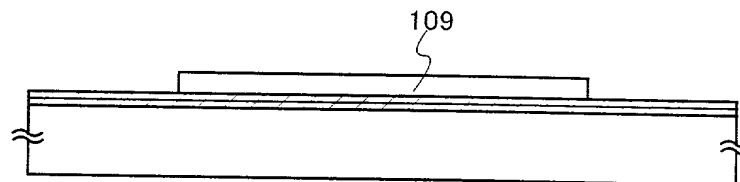


Fig. 7D

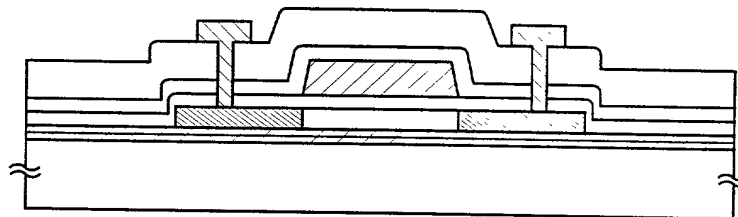


Fig. 8A

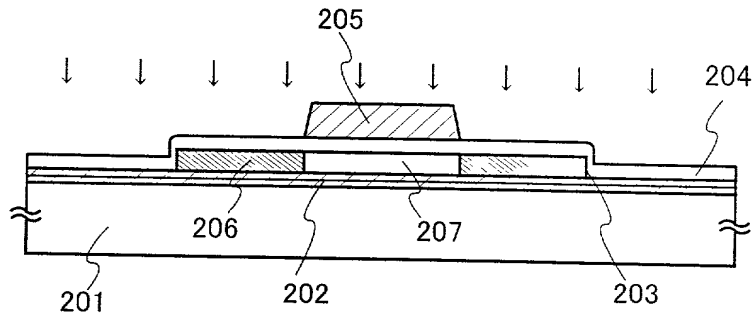


Fig. 8B

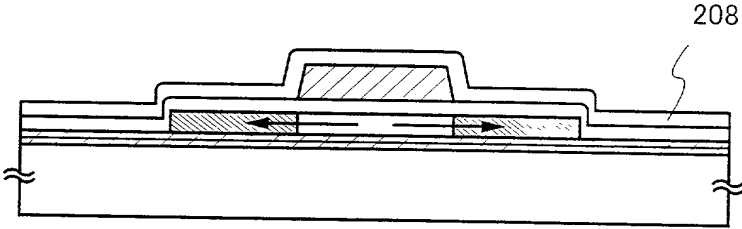
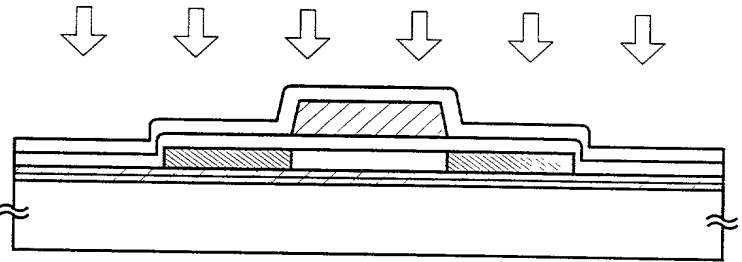


Fig. 8C activation



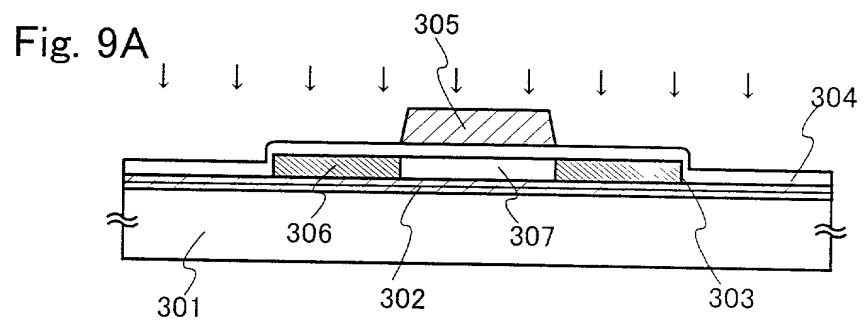


Fig. 9B heat treatment (gettering)

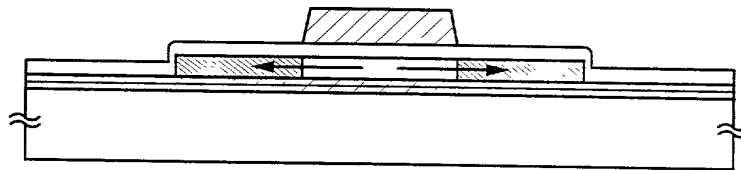


Fig. 9C hydrogenation

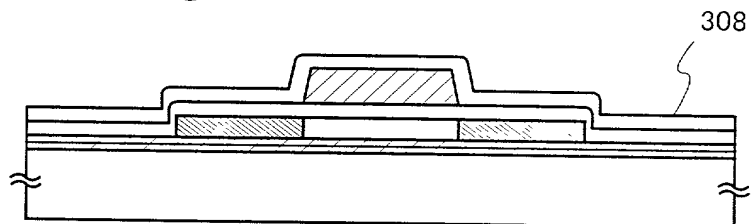




Fig. 10

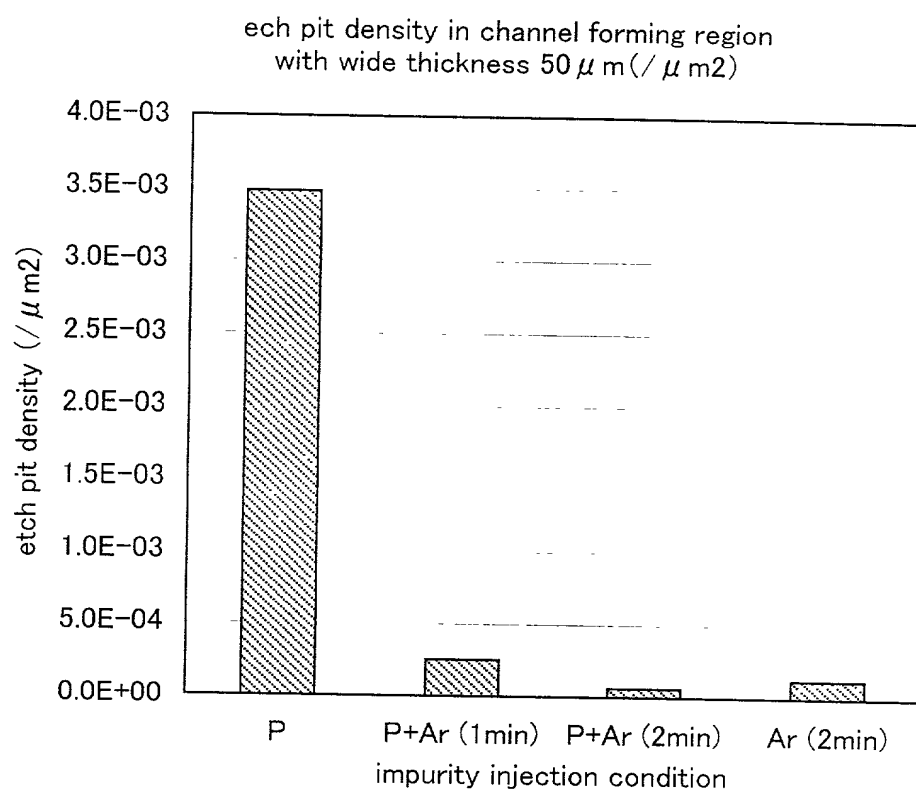


Fig. 11

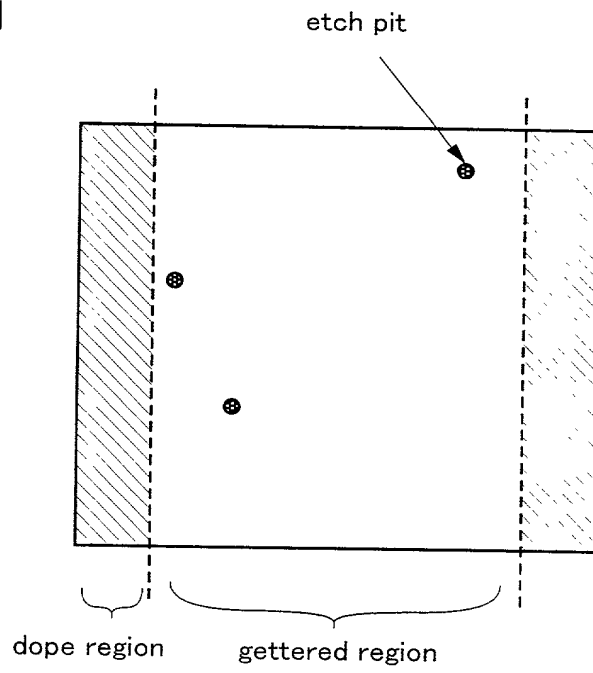


Fig. 12

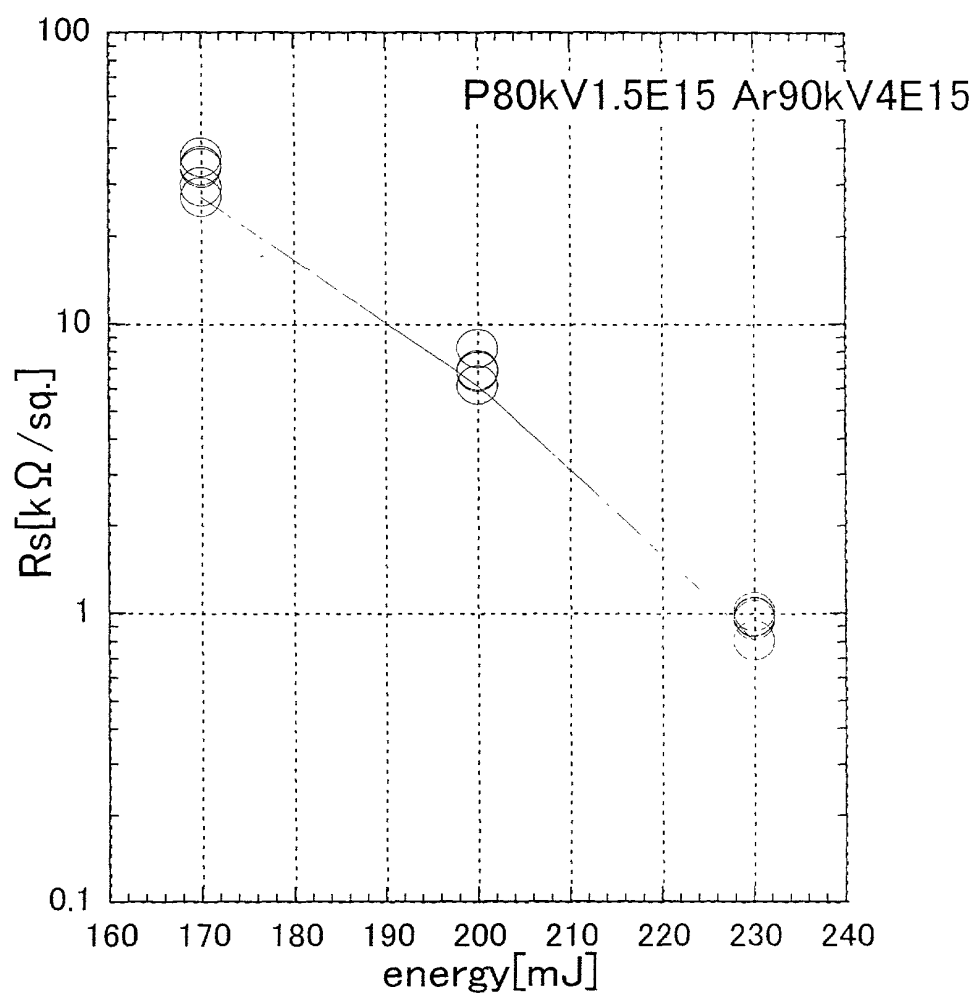


Fig. 13A

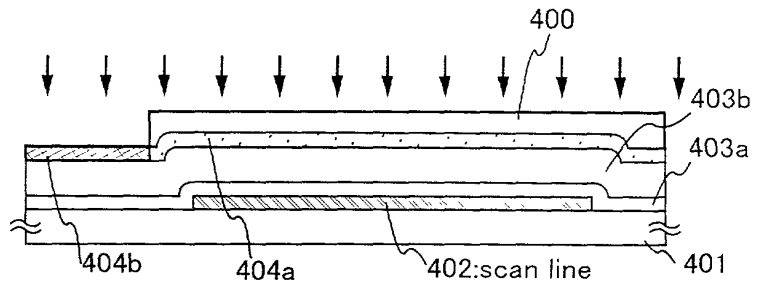


Fig. 13B

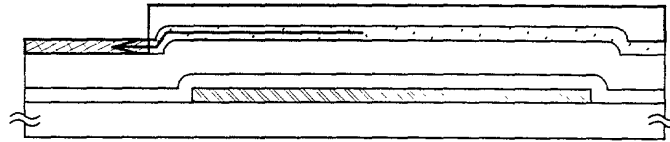


Fig. 13C1

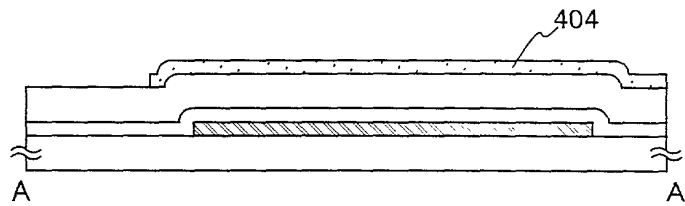


Fig. 13C2

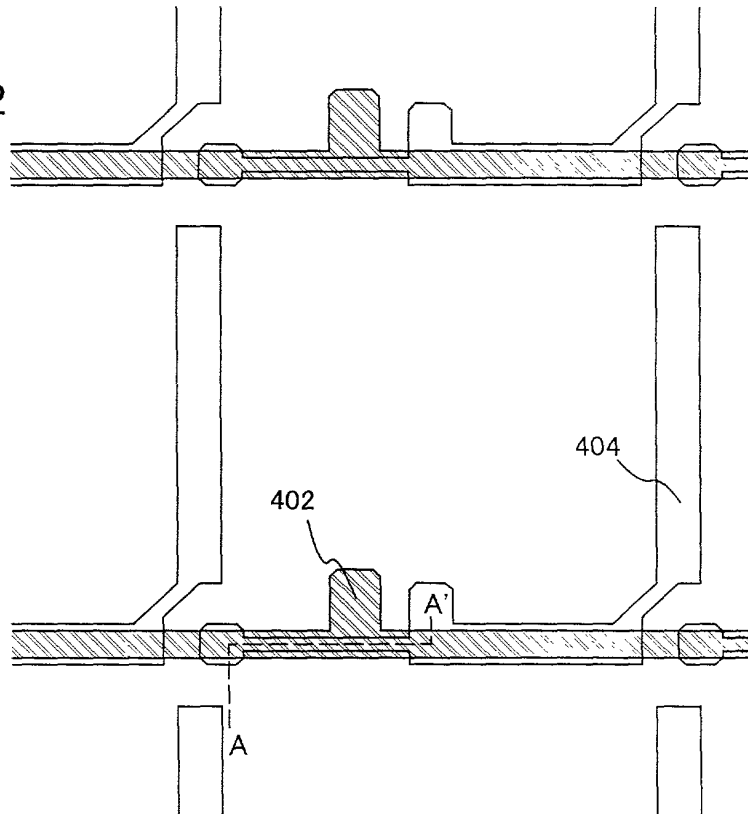


Fig. 14A

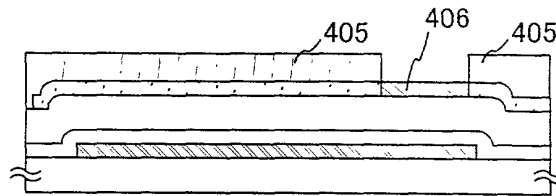


Fig. 14B

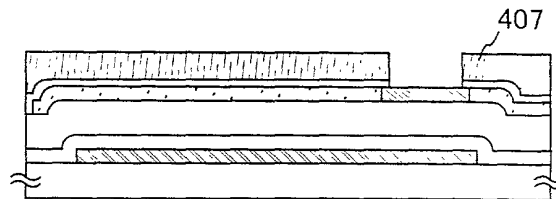


Fig. 14C1

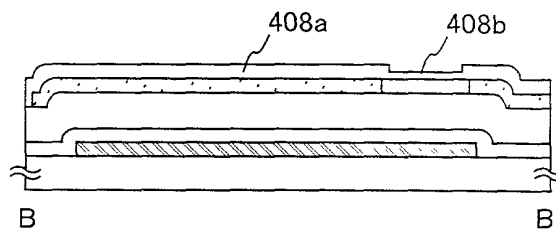


Fig. 14C2

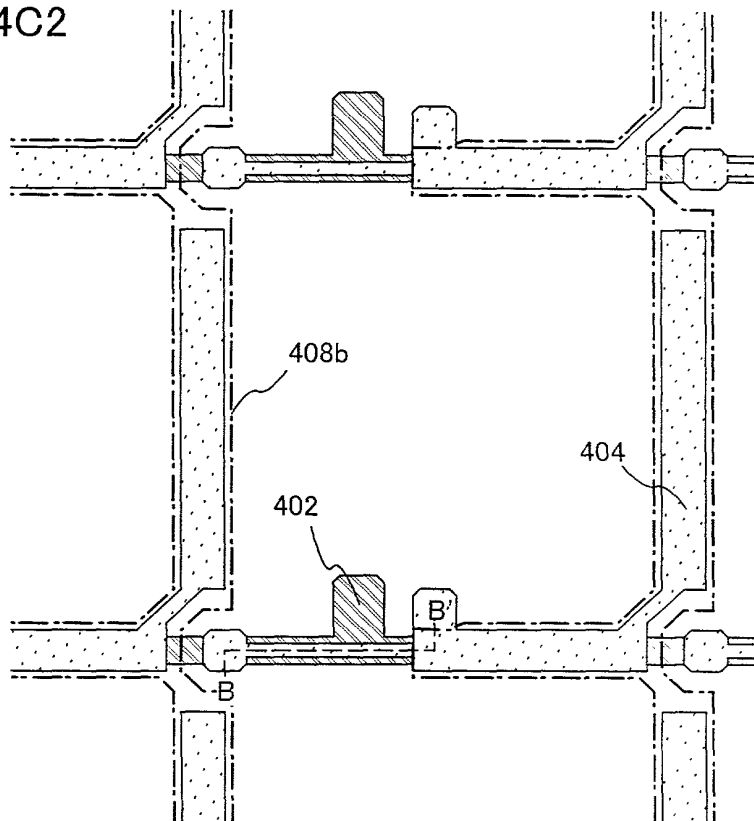


Fig. 15A

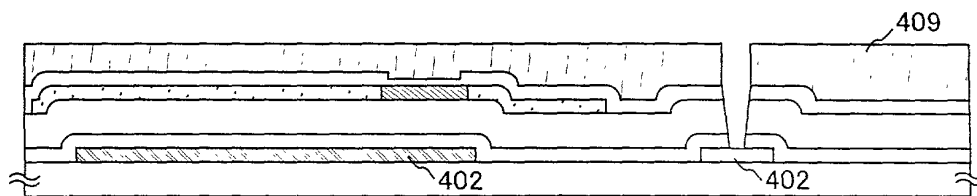


Fig. 15B

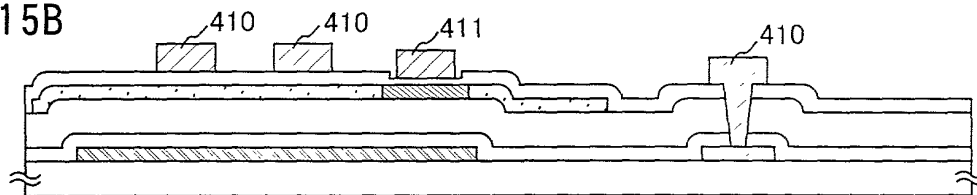


Fig. 15C1

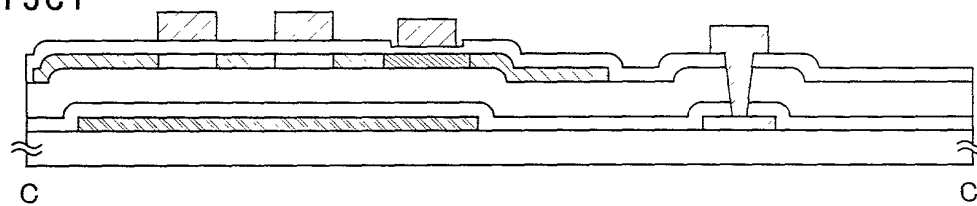
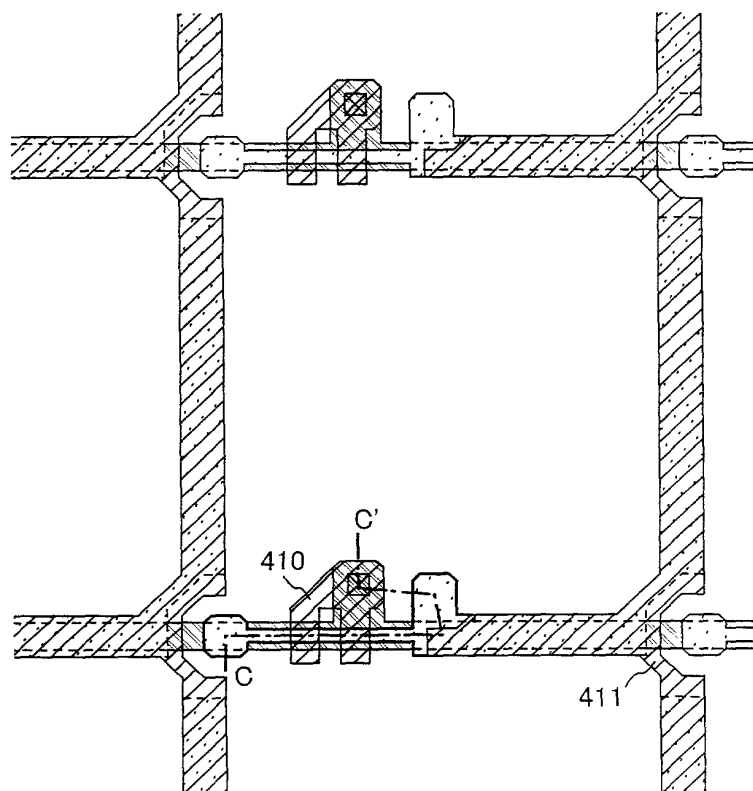
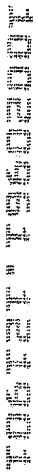
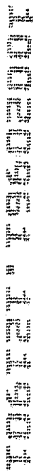


Fig. 15C2



[illegible][illegible]

Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

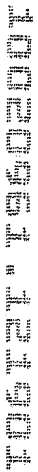


Fig. 17A1

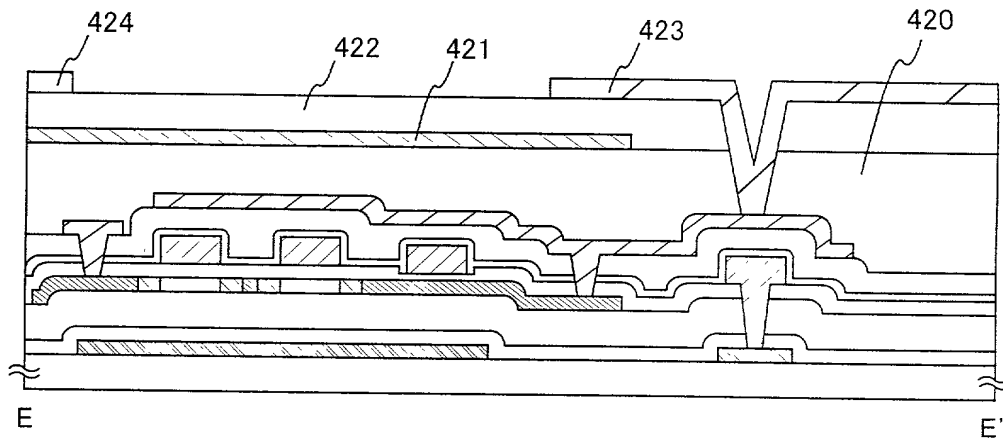


Fig. 17A2

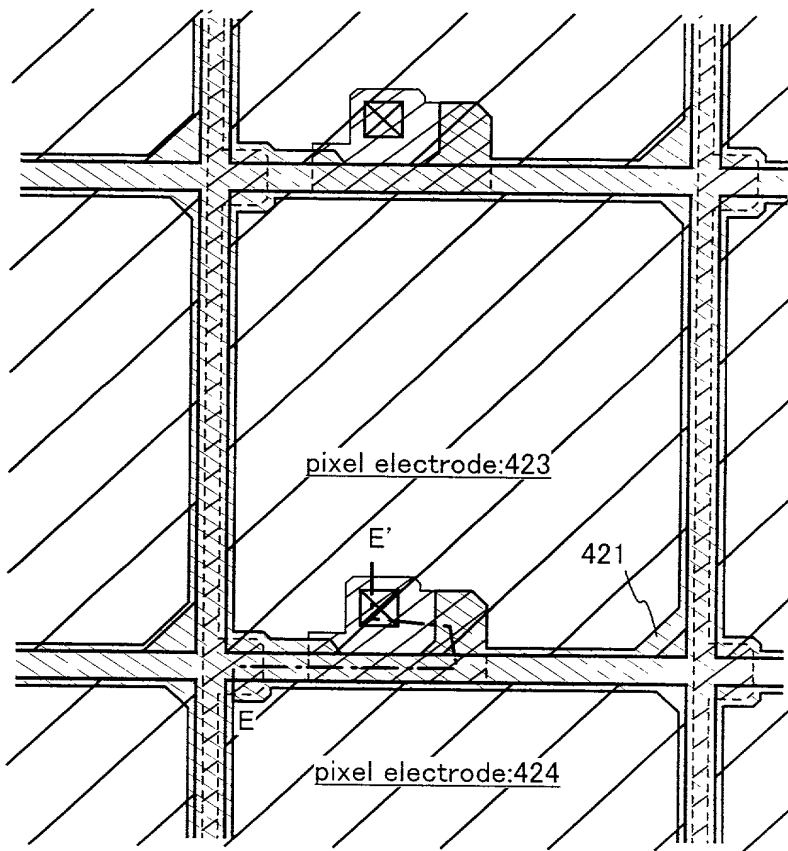
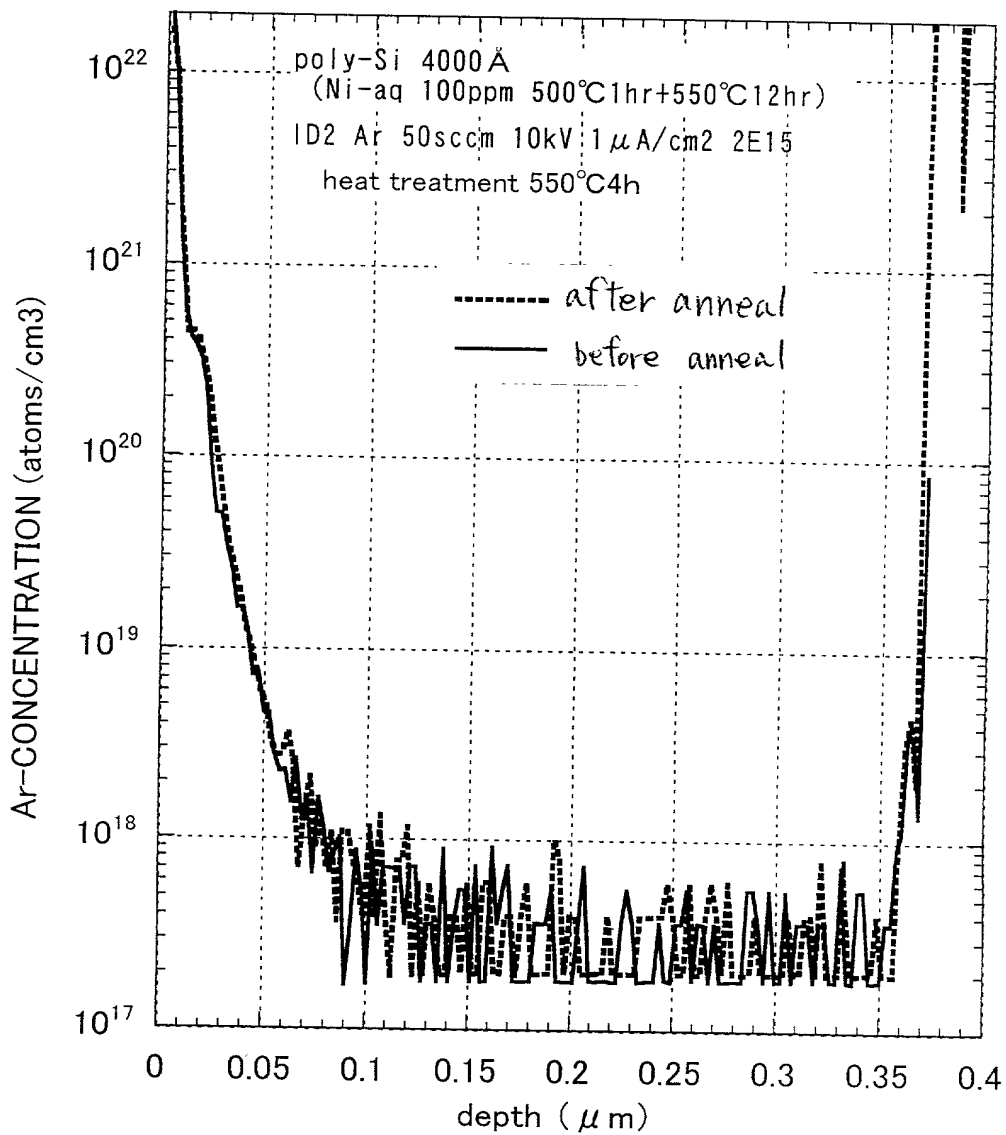




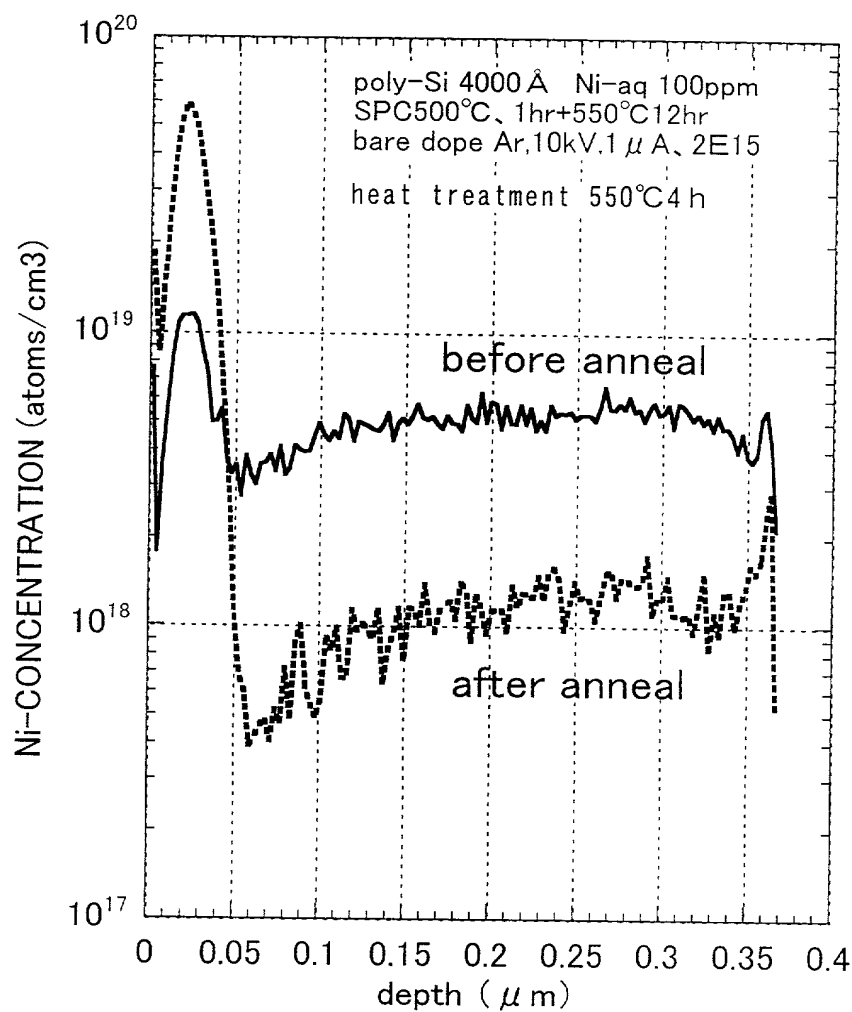
Fig. 18



comparison of argon concentration  
between before and after anneal

1002091 1950200F

Fig. 19



comparison of nickel concentration  
between before and after anneal

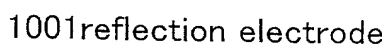
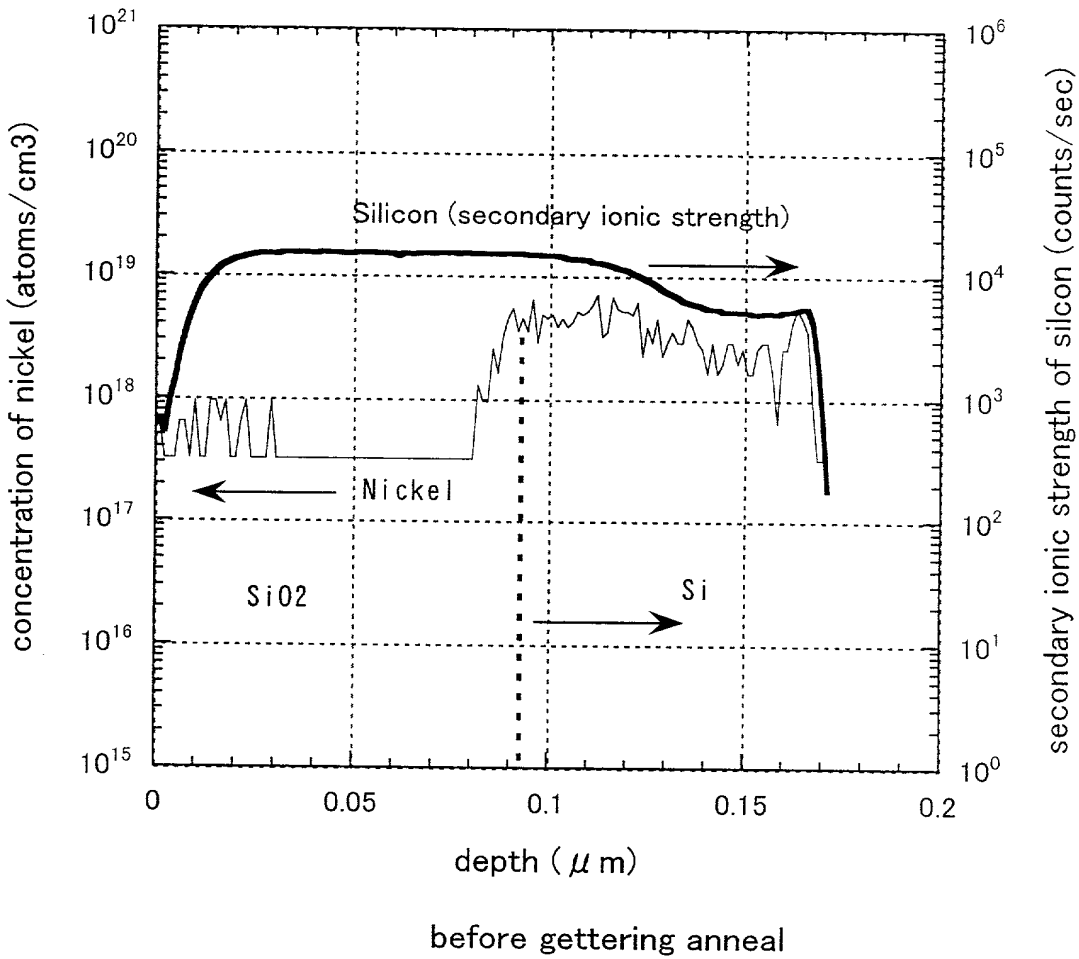
[illegible]

Fig. 21



10050501 19502001

Fig. 22

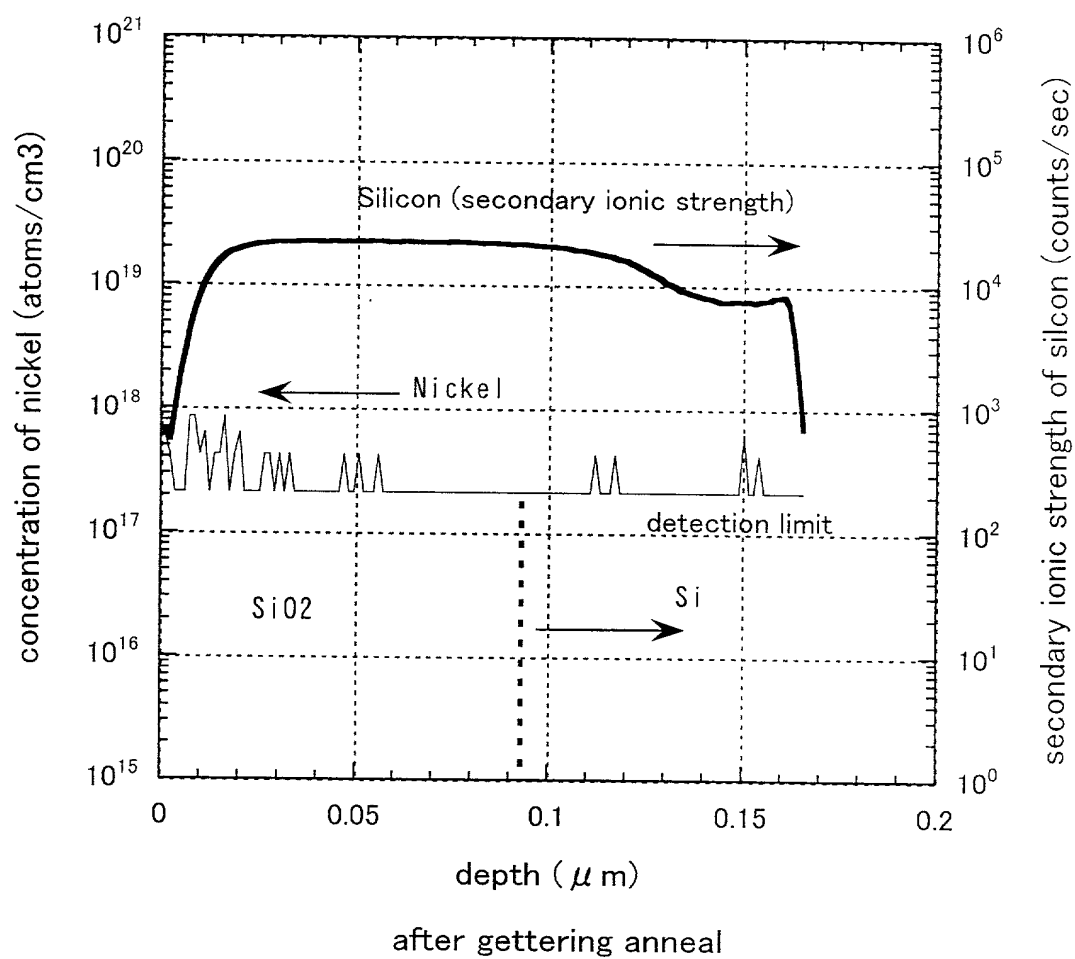


Fig. 23A  
Ion\_1 [ $\mu$ A]

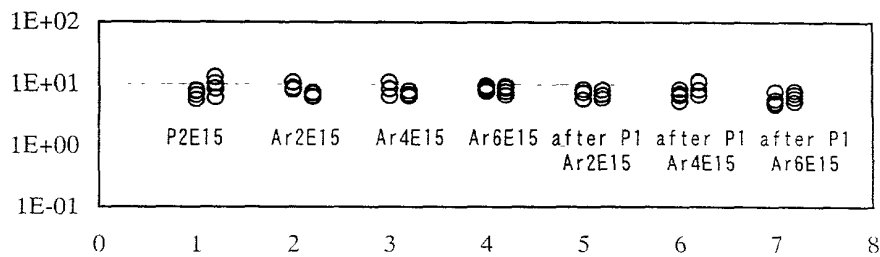


Fig. 23B  
Ioff\_1 [pA]

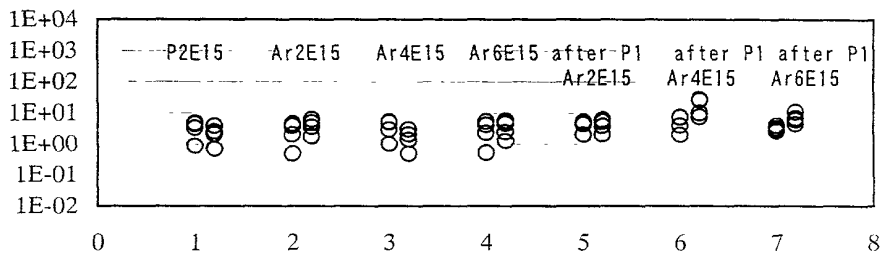


Fig. 23C  
Vth [V]

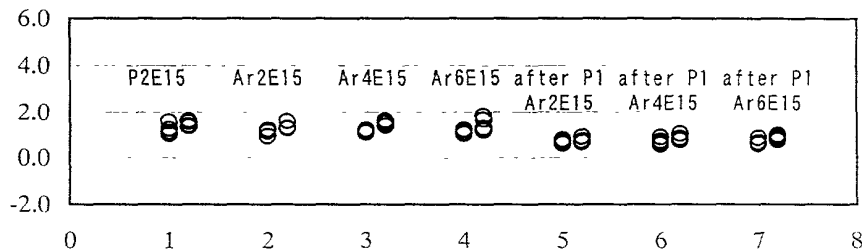


Fig. 23D  
S-value [V/dec.]

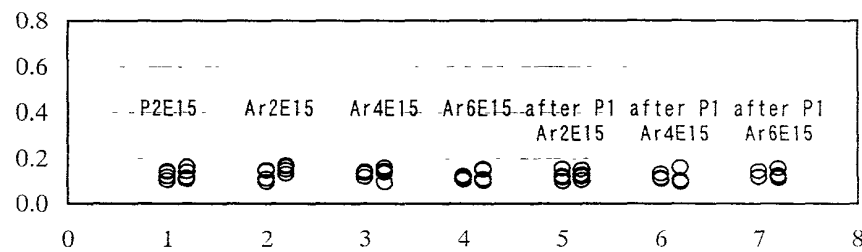


Fig. 23E  
 $\mu$ FE\_1(max) [ $\text{cm}^2/\text{Vs}$ ]

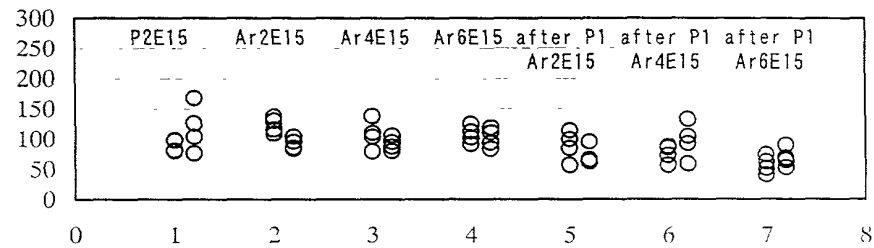


Fig. 24A

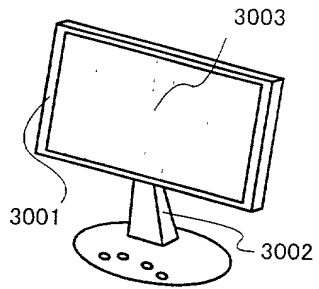


Fig. 24B

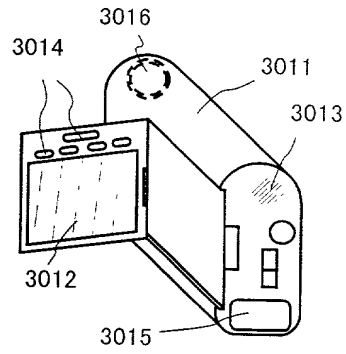


Fig. 24C

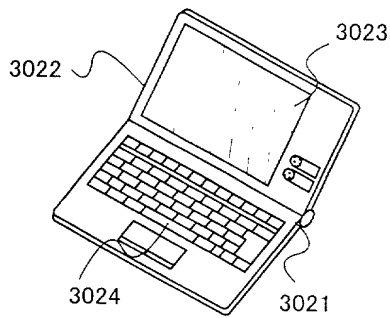


Fig. 24D

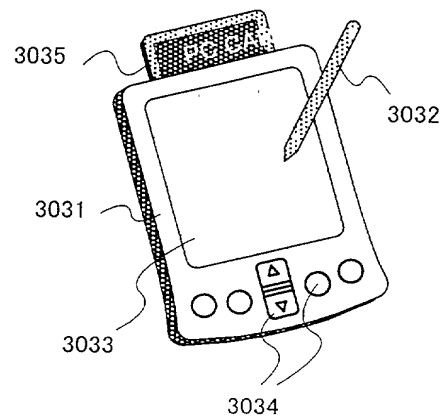


Fig. 24E

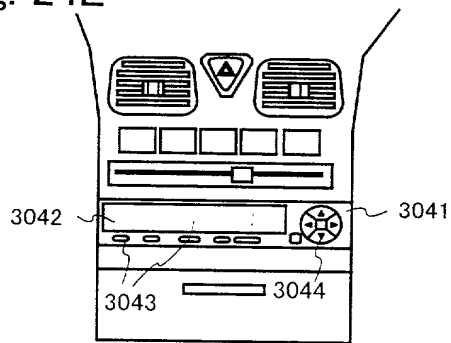


Fig. 24G

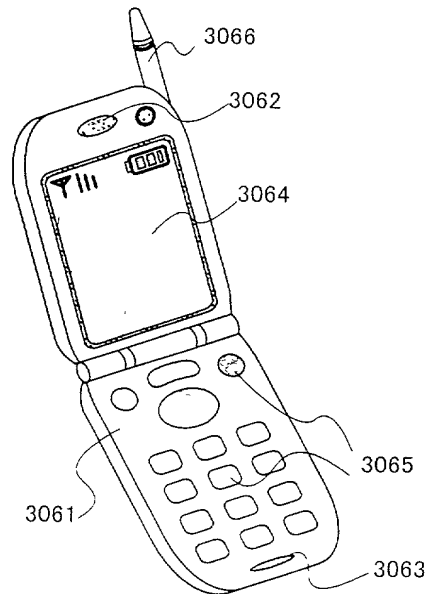


Fig. 24F

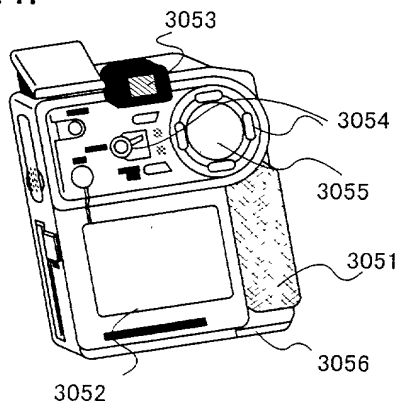


Fig. 25A

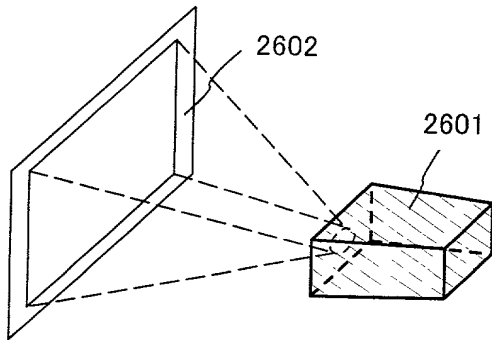


Fig. 25B

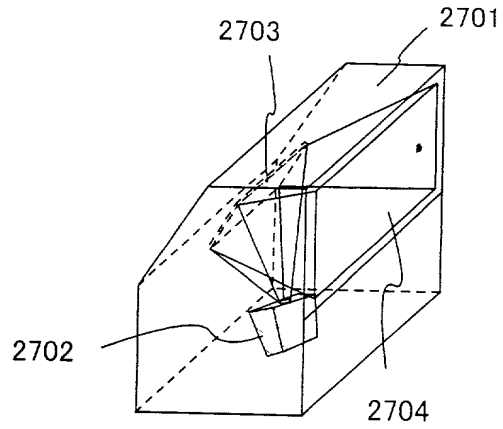


Fig. 25C

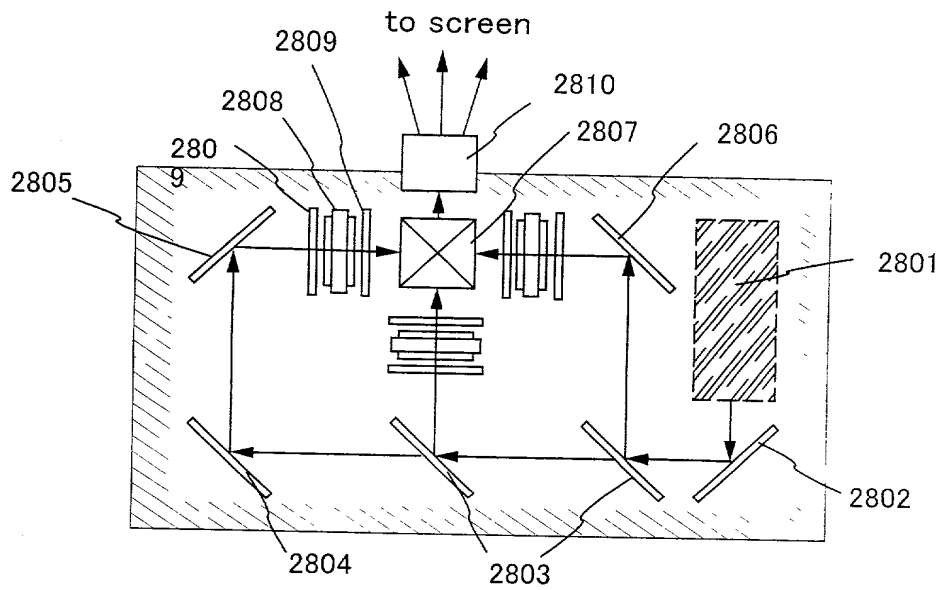


Fig. 25D

